

WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT) (51) International Patent Classification 7: WO 00/61630 (11) International Publication Number: A1 C07K 14/475, A61K 48/00 (43) International Publication Date: 19 October 2000 (19.10.00) (81) Designated States: CA, JP, US, European patent (AT, BE, CH, (21) International Application Number: PCT/US99/07745 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, (22) International Filing Date: 8 April 1999 (08.04.99) PT, SE). Published (71) Applicant (for all designated States except US): PRESIDENT AND FELLOWS OF HARVARD COLLEGE [US/US]; 17 With international search report. Quincy Street, Cambridge, MA 02138 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): MCMAHON, Andrew, P. [GB/US]; 128 Kendall Road, Lexington, MA 02173 (US). KISPERT, Andreas [DE/DE]; Lindenweg 12, D-74838 Limbach (DE). VAINIO, Seppo [FI/FI]; Tohtorintie 6, FIN-90570 Oulu (FI). (74) Agent: BEATTIE, Ingrid, A.; Mintz, Levin, Cohn, Ferris, Glovsky & Popeo PC, One Financial Center, Boston, MA 02111 (US).

(54) Title: INDUCTION OF KIDNEY TUBULE FORMATION

(57) Abstract

The invention provides a method of stimulating kidney tubule formation in a post-natal mammal by administering to the mammal a substantially pure Wnt polypeptide or Wnt agonist.